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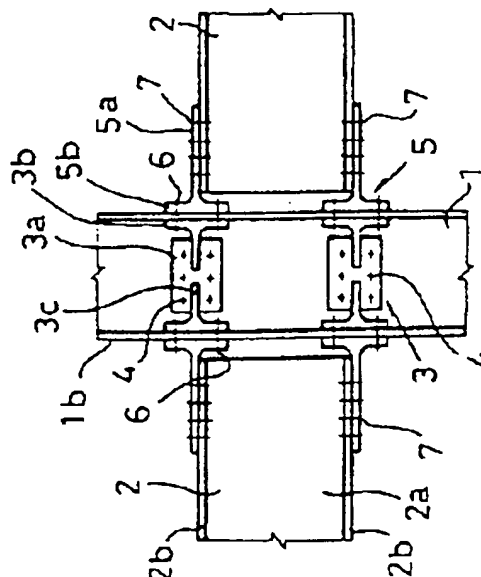
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APPLICANT : SUMITOMO METAL IND LTD;

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TITLE : JOINT OF COLUMN AND BEAM AND
REINFORCING METAL



ABSTRACT : PURPOSE: To make field work easier by a method in which web-side joint plates and flange-side joint plates, each having bolt holes, are integrated with a reinforcing rib to form a reinforcing metal.

CONSTITUTION: In the joint between an H-steel column 1 and beams 2, a web-side joint plate 3a, a flange-side joint plate 3b vertical to the plate 3a, and a reinforcing rib 3c vertical to them are integrated to form a reinforcing metal 3 between the flanges of the column 1 to be connected. By using the metal 3, the plate 3a is contacted with the web 1a of the column 1 and connected by bolts 4 piercing them, and the plate 3b is contacted with the inner surface of the flange 1b of the column 1 and connected by bolts 6 piercing them under a condition that the flange 1b is put between the flanges 5b of T-shaped joint metals 5 such as split tee which contacts with the periphery of the flange 1b.

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